Harrison, M.J.G., see Wagstaff, M.J.D. (42) 236
Hartung, K., see Langnaese, K. (42) 118
Hashimoto, T., see Watanabe, M. (42) 344
Herbison, A.E., see Voisin, D.L. (42) 279
Herrero, M.T., Augood, S.J., Asensi, H., Hirsch, E.C., Agid, Y., Obeso, J.A. and Emson, P.C.
Effects of L-DOPA-therapy on dopamine D_2 receptor mRNA expression in the striatum of MPTP-intoxicated parkinsonian monkeys (42) 149
Higgins, M.J., see Roberts, L.A. (42) 123
Hirsch, E.C., see Herrero, M.T. (42) 149
Honkaniemi, J., Massa, S.M., Breckinridge, M. and Sharp, F.R.
Global ischemia induces apoptosis-associated genes in hippocampus (42) 79

Ido, A., see Watanabe, M. (42) 344
Inoue, N., see Fukunaga, Y. (42) 128
Inoue, Y., see Watanabe, M. (42) 344
Itoh, T., see Kamisaki, Y. (42) 39

Jaber, M., see Macrae, A.D. (42) 245
Jakubowski, M., see Yeo, T.T.S. (42) 255
Jetté, N., see Fahnestock, M. (42) 175
Jia, W.W.-G., Wang, Y., Qiang, D., Tufaro, F., Remington, R. and Cynader, M.
A *bcl*-2 expressing viral vector protects cortical neurons from excitotoxicity even when administered several hours after the toxic insult (42) 350

Kamisaki, Y., Wada, K., Nakamoto, K., Kishimoto, Y. and Itoh, T.
Effects of cigarette smoke on nitric oxide-induced increase in cyclic GMP in nerve terminals of rat cerebral cortex (42) 39
Kawabata, M., see Nakaya, N. (42) 293
Kerner, J.A., see Standaert, D.G. (42) 89
Kidd, B.L., see Garrett, N.E. (42) 272
Kish, S.J., see Young, L.T. (42) 45
Kishimoto, Y., see Kamisaki, Y. (42) 39
Kishioka, S., see Fukunaga, Y. (42) 128
Kistner, U., see Laube, G. (42) 51
Kiyama, H., see Morita, N. (42) 263
Kondo, H., see Owada, Y. (42) 156
Kostoglou-Athanassiou, I., Forsling, M.L., Navarra, P. and Grossman, A.B.
Oxytocin release is inhibited by the generation of carbon monoxide from the rat hypothalamus – further evidence for carbon monoxide as a neuromodulator (42) 301
Krause, J.E., see Zahm, D.S. (42) 71
Kumar, K., Wu, X. and Evans, A.T.
Expression of c-*fos* and fos-B proteins following transient forebrain ischemia: Effect of hypothermia (42) 337

Ladenheim, B., see Sheng, P. (42) 171
Lamperti, E.D., see Tsuruda, L.M. (42) 181
Landwehrmeyer, G.B., see Standaert, D.G. (42) 89
Langnaese, K., Seidenbecher, C., Wex, H., Seidel, B., Hartung, K., Appeltauer, U., Garner, A., Voss, B., Mueller, B., Garner, C.C. and Gundelfinger, E.D.
Protein components of a rat brain synaptic junctional protein preparation (42) 118
Latchman, D.S., see Wagstaff, M.J.D. (42) 236
Laube, G., Röper, J., Pitt, J.C., Sewing, S., Kistner, U., Garner, C.C., Pongs, O. and Veh, R.W.
Ultrastructural localization of *Shaker*-related potassium channel subunits and synapse-associated protein 90 to septate-like junctions in rat cerebellar Pinceaux (42) 51
Lawlor, P., see Connor, B. (42) 1
Lazzarini, R.A., see Haroutunian, V. (42) 62
Lee, C.K., see Stokes, A.H. (42) 167
Lefkowitz, R.J., see Macrae, A.D. (42) 245
Leidenheimer, N.J.
Effect of PKG activation on recombinant $GABA_A$ receptors (42) 131
Lewis, S.E., see Tsuruda, L.M. (42) 181
Li, C., see Haroutunian, V. (42) 62
Li, P.P., see Young, L.T. (42) 45
Lin, X., Shah, S. and Bulleit, R.F.
The expression of MEF2 genes is implicated in CNS neuronal differentiation (42) 307
Lindefors, N., see Falkenberg, T. (42) 317
Lorincz, M., see Carlock, L. (42) 202

Macrae, A.D., Premont, R.T., Jaber, M., Peterson, A.S. and Lefkowitz, R.J.
Cloning, characterization, and chromosomal localization of rec1.3, a member of the G-protein-coupled receptor family highly expressed in brain (42) 245
Mahmudi, N., see Azzi, M. (42) 213
Marescaux, C., see Mathivet, P. (42) 18
Masana, M.I., Benloucif, S. and Dubocovich, M.L.
Light-induced c-*fos* mRNA expression in the suprachiasmatic nucleus and the retina of C3H/HeN mice (42) 193
Massa, S.M., see Honkaniemi, J. (42) 79
Mathivet, P., Bernasconi, R., Bittiger, H. and Marescaux, C.
Regional differences of the inhibition of $GABA_B$ ligand binding by the GTP analogue Gpp(NH)p (42) 18
Matsubara, K., see Yokoyama, M. (42) 135
Matsui, T., see Sashihara, S. (42) 109
May, P.C., Clemens, J.A., Panetta, J.A., Smalstig, E.B., Stephenson, D. and Fuson, K.S.
Induction of sulfated glycoprotein-2 (clusterin) and glial fibrillary acidic protein (GFAP) RNA expression following transient global ischemia is differentially attenuated by LY231617 (42) 145
Metsis, M., see Falkenberg, T. (42) 317
Miura, Y., see Watanabe, M. (42) 344
Miyamoto, Y., see Yokoyama, M. (42) 135
Moran, T.H., see Sheng, P. (42) 171
Morgan, H., see Burke, Z.D. (42) 287
Morita, N., Takumi, T. and Kiyama, H.
Distinct localization of two serine–threonine kinase receptors for activin and TGF-β in the rat brain and down-regulation of type I activin receptor during peripheral nerve regeneration (42) 263
Morrell, J.I., see Wagner, C.K. (42) 328
Morris, B.J., see Roberts, L.A. (42) 123
Morris, R.G.M., see Yau, J.L.W. (42) 354
Mueller, B., see Langnaese, K. (42) 118
Murphy, D., see Burke, Z.D. (42) 287

Nakamoto, K., see Kamisaki, Y. (42) 39
Nakamura, M., see Yokoyama, M. (42) 135
Nakaya, N., Nishibori, M., Kawabata, M. and Saeki, K.
Cloning of a serine proteinase inhibitor from bovine brain: expression in the brain and characterization of its target proteinases (42) 293
Navarra, P., see Kostoglou-Athanassiou, I. (42) 301
Nishi, S., see Watanabe, M. (42) 344
Nishi, Y., see Yokoyama, M. (42) 135
Nishibori, M., see Nakaya, N. (42) 293
Nishida, S., see Fukunaga, Y. (42) 128
Noble, J., see Yau, J.L.W. (42) 354

Obeso, J.A., see Herrero, M.T. (42) 149
Okubo, K., see Yokoyama, M. (42) 135
Olsson, T., see Yau, J.L.W. (42) 354
O'Shaughnessy, C.T., see Roberts, L.A. (42) 123
Owada, Y., Yoshimoto, T. and Kondo, H.
Increased expression of the mRNA for brain- and skin-type but not heart-type fatty acid binding proteins following kainic acid systemic administration in the hippocampal glia of adult rats (42) 156

Panetta, J.A., see May, P.C. (42) 145
Parkinson, F.E., see Anderson, C.M. (42) 358
Pélaprat, D., see Azzi, M. (42) 213
Penney Jr., J.B., see Standaert, D.G. (42) 89
Peterson, A.S., see Macrae, A.D. (42) 245
Piosik, P.A., Van Groenigen, M. and Baas, F.
Effect of thyroid hormone deficiency on RC3/neurogranin mRNA expression in the prenatal and adult caprine brain (42) 227
Pitt, J.C., see Laube, G. (42) 51
Pongs, O., see Laube, G. (42) 51
Poulad, D., see Zahm, D.S. (42) 71
Premont, R.T., see Macrae, A.D. (42) 245

Qiang, D., see Jia, W.W.-G. (42) 350

Remington, R., see Jia, W.W.-G. (42) 350
Roberts, J.L., see Yeo, T.T.S. (42) 255
Roberts, L.A., Higgins, M.J., O'Shaughnessy, C.T., Stone, T.W. and Morris, B.J.
Changes in hippocampal gene expression associated with the induction of long-term potentiation (42) 123
Röper, J., see Laube, G. (42) 51
Rostène, W., see Azzi, M. (42) 213

Saeki, K., see Nakaya, N. (42) 293
Sakai, M., see Watanabe, M. (42) 344
Sangoram, A.M., see Florez, J.C. (42) 25
Sashihara, S., Felts, P.A., Waxman, S.G. and Matsui, T.
Orphan nuclear receptor RORα gene: isoform-specific spatiotemporal expression during postnatal development of brain (42) 109
Schwartz, W.J., see Bennett, M.R. (42) 140

Scott, S.A., see Fahnestock, M. (42) 175
Seckl, J.R., see Yau, J.L.W. (42) 354
Seidel, B., see Langnaese, K. (42) 118
Seidenbecher, C., see Langnaese, K. (42) 118
Seidenman, K.J., see Florez, J.C. (42) 25
Sewing, S., see Laube, G. (42) 51
Shah, S., see Lin, X. (42) 307
Sharp, F.R., see Honkaniemi, J. (42) 79
Sheng, P., Ladenheim, B., Moran, T.H., Wang, X.-B. and Cadet, J.L.
Methamphetamine-induced neurotoxicity is associated with increased striatal AP-1 DNA-binding activity in mice (42) 171
Smalstig, E.B., see May, P.C. (42) 145
Standaert, D.G., Landwehrmeyer, G.B., Kerner, J.A., Penney Jr., J.B. and Young, A.B.
Expression of NMDAR2D glutamate receptor subunit mRNA in neurochemically identified interneurons in the rat neostriatum, neocortex and hippocampus (42) 89
Stephenson, D., see May, P.C. (42) 145
Stewart, M.J., see Crabb, D.W. (42) 103
Stokes, A.H., Brown, B.G., Lee, C.K., Doolittle, D.J. and Vrana, K.E.
Tyrosinase enhances the covalent modification of DNA by dopamine (42) 167
Stone, T.W., see Roberts, L.A. (42) 123

Takahashi, J.S., see Florez, J.C. (42) 25
Takumi, T., see Morita, N. (42) 263
Tamaoki, T., see Watanabe, M. (42) 344
Tolentino, P.J., see Tsuruda, L.M. (42) 181
Tomlinson, D.R., see Garrett, N.E. (42) 272
Tsuruda, L.M., Lamperti, E.D., Lewis, S.E., Tolentino, P.J., Dikkes, P., Villa-Komaroff, L., Ebert, K.M. and Fink, J.S.
Region-specific central nervous system expression and axotomy-induced regulation in sympathetic neurons of a VIP–β–galactosidase fusion gene in transgenic mice (42) 181
Tufaro, F., see Jia, W.W.-G. (42) 350

Ungerstedt, U., see Falkenberg, T. (42) 317

Van Groenigen, M., see Piosik, P.A. (42) 227
Veh, R.W., see Laube, G. (42) 51
Vescovi, A., see Cattaneo, E. (42) 161
Villa-Komaroff, L., see Tsuruda, L.M. (42) 181
Vo, T., see Carlock, L. (42) 202
Voisin, D.L., Fénelon, V.S. and Herbison, A.E.
Calbindin-D28k mRNA expression in magnocellular hypothalamic neurons of female rats during parturition, lactation and following dehydration (42) 279
Voss, B., see Langnaese, K. (42) 118
Vrana, K.E., see Stokes, A.H. (42) 167

Wada, K., see Kamisaki, Y. (42) 39
Wagner, C.K. and Morrell, J.I.
Levels of estrogen receptor immunoreactivity are altered in behaviorally-relevant brain regions in female rats during pregnancy (42) 328
Wagstaff, M.J.D., Collaço-Moraes, Y., Aspey, B.S., Coffin, R.S., Harrison, M.J.G., Latchman, D.S. and De Belleroche, J.S.
Focal cerebral ischaemia increases the levels of several classes of heat shock proteins and their corresponding mRNAs (42) 236
Waldvogel, H., see Connor, B. (42) 1
Walker, P.D., see Carlock, L. (42) 202
Wang, X.-B., see Sheng, P. (42) 171
Wang, Y., see Jia, W.W.-G. (42) 350
Warsh, J.J., see Young, L.T. (42) 45
Watanabe, M., Miura, Y., Ido, A., Sakai, M., Nishi, S., Inoue, Y., Hashimoto, T. and Tamaoki, T.
Developmental changes in expression of the ATBF1 transcription factor gene (42) 344
Waxman, S.G., see Sashihara, S. (42) 109
Weingartner, J.A., see Fahnestock, M. (42) 175
Wex, H., see Langnaese, K. (42) 118
Williams, E.S., see Zahm, D.S. (42) 71
Wisniewski, D., see Carlock, L. (42) 202
Wu, X., see Kumar, K. (42) 337

Xiong, W., see Anderson, C.M. (42) 358

Yamamoto, H., see Fukunaga, Y. (42) 128
Yau, J.L.W., Olsson, T., Morris, R.G.M., Noble, J. and Seckl, J.R.
Decreased NGFI-A gene expression in the hippocampus of cognitively impaired aged rats (42) 354
Yeo, T.T.S., Gore, A.C., Jakubowski, M., Dong, K.W., Blum, M. and Roberts, J.L.
Characterization of gonadotropin-releasing hormone gene transcripts in a mouse hypothalamic neuronal GT1 cell line (42) 255
Yokoyama, M., Nishi, Y., Miyamoto, Y., Nakamura, M., Akiyama, K., Matsubara, K. and Okubo, K.
Molecular cloning of a human *neuroD* from a neuroblastoma cell line specifically expressed in the fetal brain and adult cerebellum (42) 135
Yoshimoto, T., see Owada, Y. (42) 156
Young, A.B., see Standaert, D.G. (42) 89
Young, D., see Connor, B. (42) 1
Young, J.D., see Anderson, C.M. (42) 358
Young, L.T., Asghari, V., Li, P.P., Kish, S.J., Fahnestock, M. and Warsh, J.J.
Stimulatory G-protein α-subunit mRNA levels are not increased in autopsied cerebral cortex from patients with bipolar disorder (42) 45

Zahm, D.S., Williams, E.S., Poulad, D. and Krause, J.E.
Temporal dissociation of neurotensin/neuromedin N mRNA expression in topographically separate subsets of rat striatal neurons following administration of haloperidol (42) 71
Zhou, Y., see Haroutunian, V. (42) 62

(contents continued from back cover)

Decreased NGFI-A gene expression in the hippocampus of cognitively impaired aged rats
J.L.W. Yau, T. Olsson, R.G.M. Morris, J. Noble and J.R. Seckl (UK, Sweden) 354
Demonstration of the existence of mRNAs encoding N1/*cif* and N2/*cit* sodium/nucleoside cotransporters in rat brain
C.M. Anderson, W. Xiong, J.D. Young, C.E. Cass and F.E. Parkinson (Canada) 358

Author Index 362